

## ABSTRACT

An object is to make it possible to accurately detect temperature of exhaust directly flowing through a particulate filter stored in a muffler.

In an exhaust emission control device with the particulate filter 9 stored in the muffler 1 which in turn is incorporated in an exhaust pipe, a recess is formed by a cup 21 at a temperature detecting area on a casing 2 of the muffler 1. The recess is concave up to a position in proximity to the particulate filter 9 in the casing 2. A temperature sensor 22 is arranged to penetrate a deepest portion of the recess formed by the cup 21.